

PROJECT DESCRIPTION

GENERAL
THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC
CONTROL SIGNAL AT MD 7 AND INDUSTRIAL PARK ROAD IN BALTIMORE COUNTY. MD 7 IS
ASSUMED TO RUN IN A EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE SIGNAL WILL OPERATE IN A NEMA THREE-PHASE, FULL-TRAFFIC-ACTUATED MODE, WITH MD 7 APPROACHES RUNNING CONCURRENTLY AND INDUSTRIAL PARK ROAD RUNNING ALONE.

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #4 ARE AS FOLLOWS:

MR. DAVID MALKOWSKI DISTRICT ENGINEER PHONE: (410) 321-2780

MR. RANDALL SCOTT
ASSISTANT DISTRICT
ENGINEER - TRAFFIC
PHONE: (410) 321-2781

MR. JOE McMAHON
UTILITY ENGINEER

PHONE: (410) 321-2780

THE POWER COMPANY REPRESENTATIVE IS:

CHIEF, TRAFFIC OPERATIONS DIVISION

MR. RICHARD L. DAFF, SR.

PHONE: (410) 787-7630

BALTIMORE GAS ELECTRIC COMPANY
MR. JOSEPH G. BUNCH
INDUSTRIAL / COMMERCIAL SERVICES
NEW BUSINESS CONSTRUCTION
7317 PARKWAY DRIVE SOUTH
PHONE: (410) 859-9030

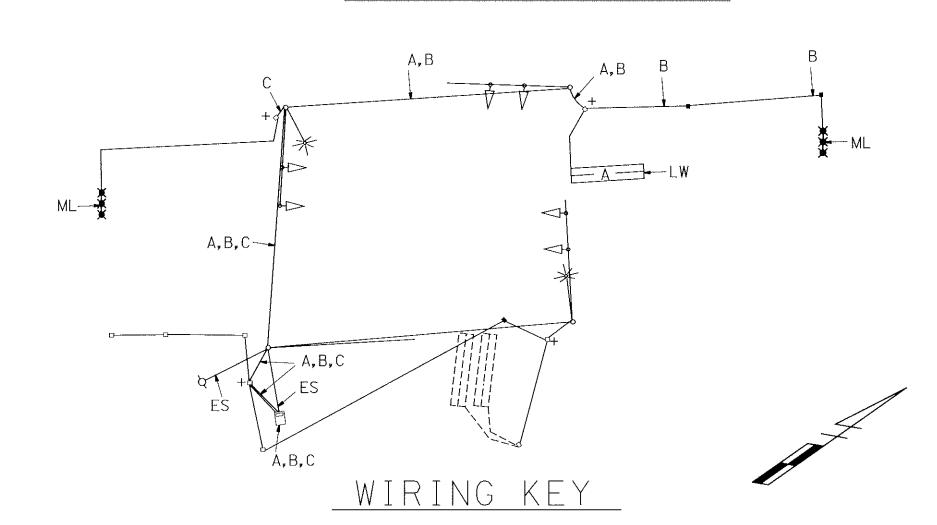
MR. PHILIP HUMBERTSON SPECIAL PROJECTS PHONE: (410) 321-2851

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR:

SPEC. SECTION.	CATEGORY CODE NO.	QUANTITY	DESCRIPTION
104	120500	L.S.	MAINTENANCE OF TRAFFIC
104	114245	25 L.F.	FURNISH AND INSTALL REMOVABLE PREFORMED PAVEMENT MARKING TAPE (STOP LINE)
104	114250	1 EACH	FURNISH AND INSTALL REMOVABLE PREFORMED PAVEMENT MARKING ARROW
805	805160	12 L.F.	FURNISH AND INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
805	870160	325 L.F.	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
805	805150	120 L.F.	FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT — BORED
810	800000	2 EACH	FURNISH AND INSTALL MICRO - LOOP PROBE SET WITH 1,000 FOOT LEAD-IN
810	861104	380 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE — 2—CONDUCTOR (ALUMINUM SHIELDED)
810	862101	480 L.F.	FURNISH AND INSTALL LOOP WIRE ENCASED IN 1/4 IN. FLEXIBLE TUBING (NO. 14 AWG)
811	811011	3 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
814	860265	4 EACH	RELOCATE EXISTING SIGNAL HEAD
814	800000	4 EACH	RELOCATE EXISTING SIGN ON MAST ARM
815	862102	480 L.F.	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
urbon cours busines busines	800000	L.S.	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT

WIRING DIAGRAM



A } - 2-CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED)

B,C } - MICRO-LOOP PROBE SET WITH 1,000' LEAD-IN

ML - MICRO-LOOP PROBE SET

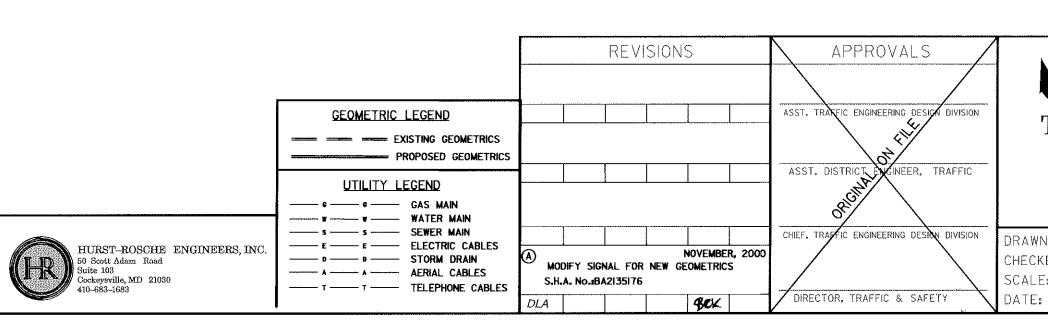
LW - LOOP WIRE (NO. 14 A.W.G.)

ES - EXISTING OVERHEAD ELECTRICAL SERVICE

+ - EXISTING 3/4 IN. × 10 FT. GROUND ROD

PHASE 2A TEMPORARY TRAFFIC SIGNAL

SS-IO



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

(Traffic Signal Plan)

MD 7 (Philadelphia Road) at

MD 7 (Philadelphia Road) at Industrial Park Road

F.A.P. NO. N/A TS NO. DRAWN BY: A.A. 3<u>561A-X1B-G</u>I1 BW813-802-412 CHECKED BY: J. A. B. S.H,A. NO. SHEET NO. COUNTY: BALTIMORE SCALE: I' = 20' T.I.M.S. NO. 206 OF 237 D770 9-26-95 LOG MILE: 03000706.62